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Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Date Submitted: August 4, 2006

(use as many sheets as necessary)

Sheet 1 of 3

Complete if Known

Application Number	10/755,602
Filing Date	1/12/2004
First Named Inventor	Qi Xiang
Group Art Unit	2813
Examiner Name	Jack Chen
Attorney Docket Number	039153-0693 (H1718)

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
/JCG/	A1	6,962,857	B1	Ngo et al.	11-08-2005	
	A2	6,706,581	B1	Bou et al.	03-16-2004	
	A3	6,673,696	B1	Arasnia et al.	01-06-2004	
	A4	6,656,749	B1	Paton et al.	12-02-2003	
	A5	6,646,322	B2	Fitzgerald	11-11-2003	
	A6	6,613,646	B1	Sahota et al.	09-02-2003	
	A7	6,566,228	B1	Beintner et al.	05-20-2003	
	A8	6,548,361	B1	En et al.	04-15-2003	
	A9	6,548,261	B1	Smith et al.	04-15-2003	
	A10	6,524,931	B1	Perera	02-25-2003	
	A11	6,498,383	B2	Beyer et al.	12-24-2002	
	A12	6,468,853	B1	Balasubramanian et al	10-22-2002	
	A13	6,456,370	B1	Ingles, Jr.	09-24-2002	
	A14	6,426,278	B1	Nowak et al.	07-30-2002	
	A15	6,414,364	B2	Lane et al.	07-02-2002	
	A16	6,399,512	B1	Blosse et al.	06-04-2002	
	A17	6,391,731	B1	Chong et al.	05-21-2002	
	A18	6,306,722	B1	Yang et al.	10-23-2001	
	A19	6,271,143	B1	Mendicino	08-07-2001	
	A20	6,214,696	B1	Wu	04-10-2001	
	A21	6,207,531	B1	Pen-Liang	03-27-2001	
	A22	6,168,961	B1	Vaccari	01-02-2001	
	A23	6,150,212		Divakaruni et al.	11-21-2000	
	A24	6,146,970		Witek et al.	11-14-2000	
	A25	6,146,970		Witek et al.	11-14-2000	
	A26	6,136,664		Economikos et al.	10-24-2000	
	A27	6,107,143		Park et al.	08-22-2000	
	A28	6,087,705		Gardner et al.	07-11-2000	
	A29	6,080,637		Huang et al.	06-27-2000	
	A30	6,080,627		Fan et al.	06-27-2000	
	A31	6,080,618		Bergner et al.	06-27-2000	
	A32	6,074,931		Chang et al.	06-13-2000	
	A33	6,074,930		Cho et al.	06-13-2000	
	A34	6,037,238		Chang et al.	03-14-2000	
	A35	6,013,937		Beintner et al.	01-11-2000	
	A36	5,837,612		Ajuria et al.	11-17-1998	
	A37	5,793,090		Gardner et al.	08-11-1998	
	A38	5,719,085		Moon et al.	02-17-1998	
	A39	5,700,712		Schwalke	12-23-1997	
	A40	5,668,044		Ohno	09-16-1997	
	A41	5,455,194		Vasquez et al.	10-03-1995	

Examiner
Signature

/Jack Chen/ (03/17/2008)

Date
Considered

03/17/2008

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				Examiner Name	Jack Chen
				Attorney Docket Number	039153-0693 (H1718)
Sheet	2	of	3		

U.S. PATENT DOCUMENTS

U.S. Patent Document					
/JC/	A42	5,406,111		Sun	04-11-1995
	A43	5,266,813		Comfort et al.	11-30-1993
	A44	5,254,873		Poon et al.	10-19-1993
	A45	2004/0180509	A1	Wang et al.	09-16-2004
	A46	2004/0137742	A1	Ngo et al.	07-15-2004
	A47	2004/0089914	A1	Mouli et al.	05-13-2004
	A48	2004/0061161	A1	Radens et al.	04-01-2004
	A49	2003/0139051	A1	Andideh et al.	07-24-2003
	A50	2003/0049893	A1	Currie et al.	03-13-2003
	A51	2002/0098689	A1	Chong et al.	07-25-2002
/JC/	A52	2002/0045312	A1	Zheng et al.	04-18-2002

UNPUBLISHED U.S. PATENT APPLICATION DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Application Document		Name of Patentee or Applicant of Cited Document	Filing Date of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
/JC/	A53	EP	0 245 622	B1	Fulton et al.	11-19-1987		
	A54	GB	2 254 731	A	Hyeon et al.	10-14-1992		
	A55	WO	02/101818	A2	Currie et al.	12-19-2002		
/JC/	A56	WO	02/095818	A1	Beyer et al.	11-28-2002		

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
/JC/	A57	International Preliminary Report on Patentability for PCT/US2004/007464, dated 01/07/2005, 8 pages.	
/JC/	A58	International Search Report; International Application No. PCT/US2004/007464; mailed 09/01/2004; 3 pgs.	

Examiner Signature	/Jack Chen/ (03/17/2008)	Date Considered	03/17/2008
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Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
/JC/	A59	Written Opinion of the International Searching Authority; International Application No. PCT/US2004/007464; International Filing Date 03-11-2004; 6 pgs.	
	A60	International Search Report for PCT/US2004/000982, 4 pages.	
	A61	Written Opinion of the International Searching Authority; International Application No. PCT/US2004/000982; International Filing Date 01-13-2004; 6 pgs.	
	A62	GHANDHI, Sorab K. "VSLI Fabrication Principles"; John Wiley and Sons; 1983; pp. 422-423	
	A63	OHKUBO, Satoshi; TAMURA Yasuyuki; SUGINO, Rinji; NAKANISHI, Toshiro; SUGITA, Yoshihiro; AWAJI, Naoki and TAKASAKI, Kanetake; "High Quality Ultra-Thin (4nm) Gate Oxide by UV/O ₃ Surface Pre-Treatment of Native Oxide"; 1995 Symposium On VLSI Technology; Digest of Technical Papers; June 6-8, 1995; Kyoto, Japan; 3 pgs.	
	A64	RIM, K., WELSER, J., HOYT, J.L., and GIBBONS, J.F., "Enhanced Hole Mobilities in Surface-channel Strained-Si p-MOSFETs", 1995 International Electron Devices Meeting TECHNICAL DIGEST, 5 pages.	
	A65	VAN ZANT, Peter, "Microchip Fabrication", McGraw Hill, 1977, pages 31 and 39	
	A66	VOSSSEN, John L., "Thin Film Processes II, Academic Press, 1991, page 333	
	A67	WELSER, J., HOYT, J.L., TAKAGI, S. and GIBBONS, J.F., "Strain Dependence of the Performance Enhancement in Strained-Si n-MOSFETs", 1994 International Electron Devices Meeting TECHNICAL DIGEST, San Francisco, CA December 11-14, 1994, 5 pages.	
/JC/	A68	WOLF, Stanley, Ph.D. and TAUBER, Richard N., Ph.D.; "Silicon Processing For The VLSI Era"; Vol. 1: Process Technology; Lattice Press; 1986; pp. 57-58, 194	

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